

Fig 1

1. A sensor system for capturing and processing images of a scene on the ground. The system includes a capture device, an image capture control circuit, a position orientation storage circuit, a control computer, an image storage circuit, and an image processing circuit.

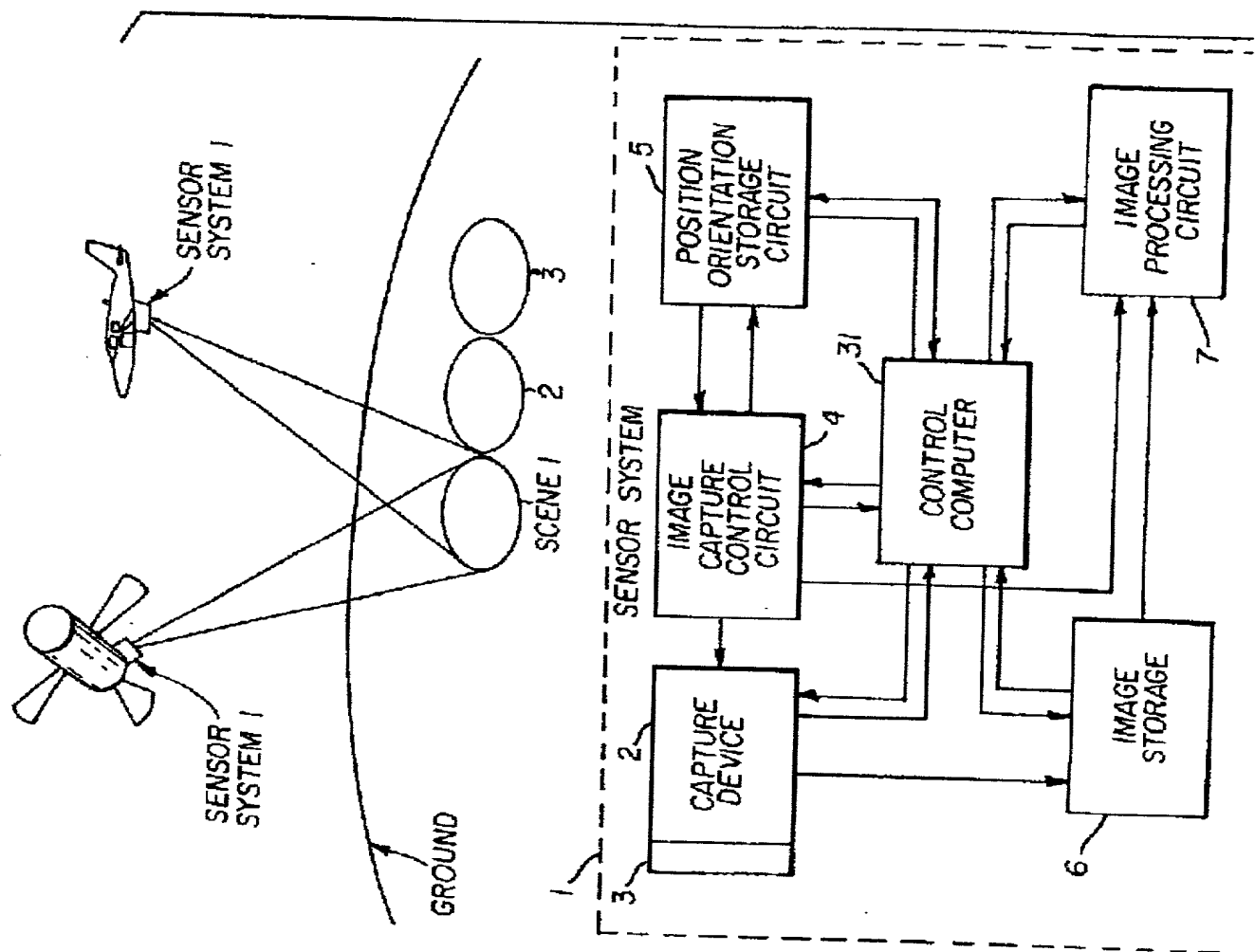


Fig 2

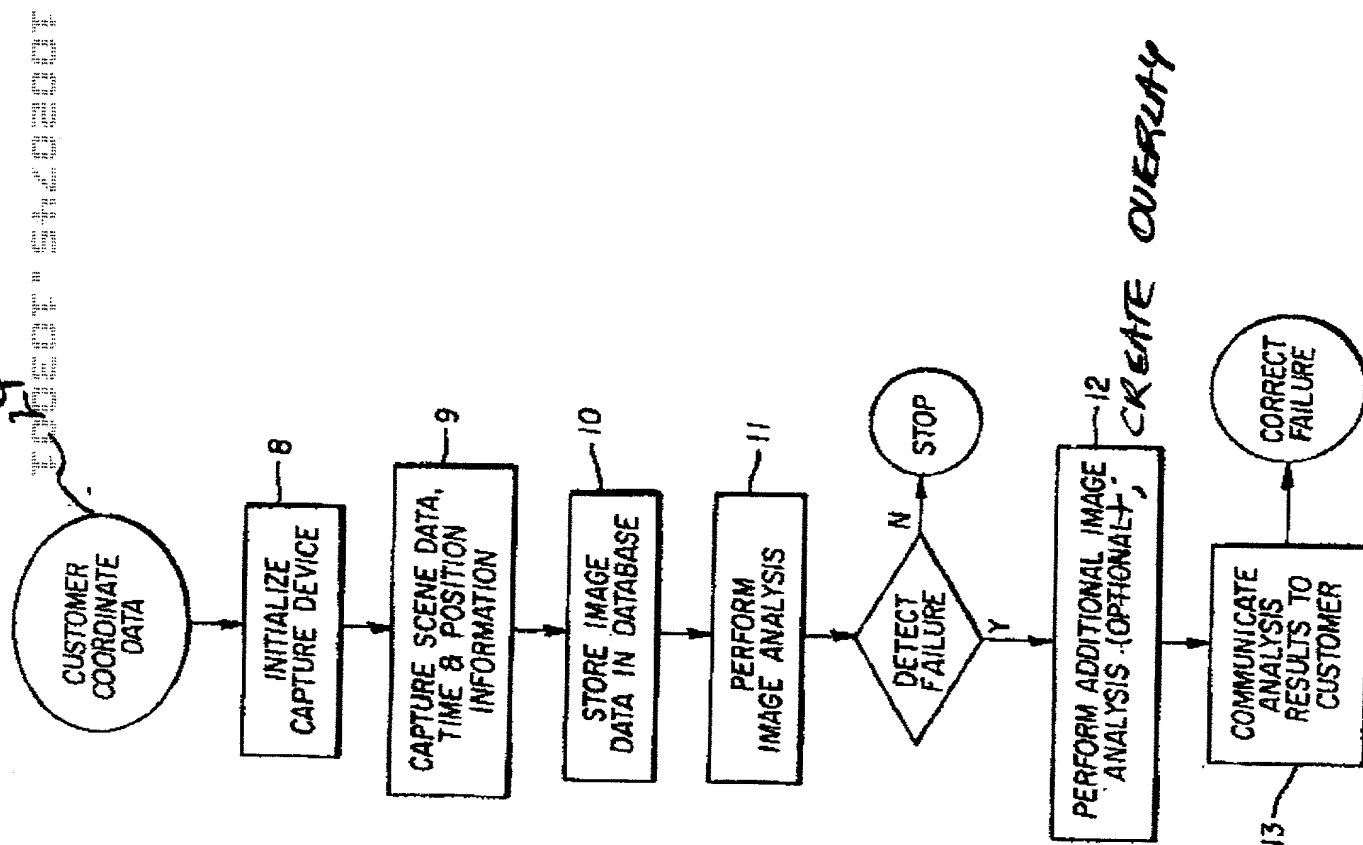


FIG. 3 is a perspective view of a system for detecting a failure in a buried cable. The system includes a power grid plan 14, a water/sewer grid plan 15, and a power grid plan 16. The power grid plan 14 is a plan view of a power grid showing a buried cable 14. The water/sewer grid plan 15 is a plan view of a water/sewer grid showing a manhole 15. The power grid plan 16 is a plan view of a power grid showing a failure 16. The system is used to detect a failure in a buried cable by comparing the power grid plan 14 with the water/sewer grid plan 15 and the power grid plan 16.

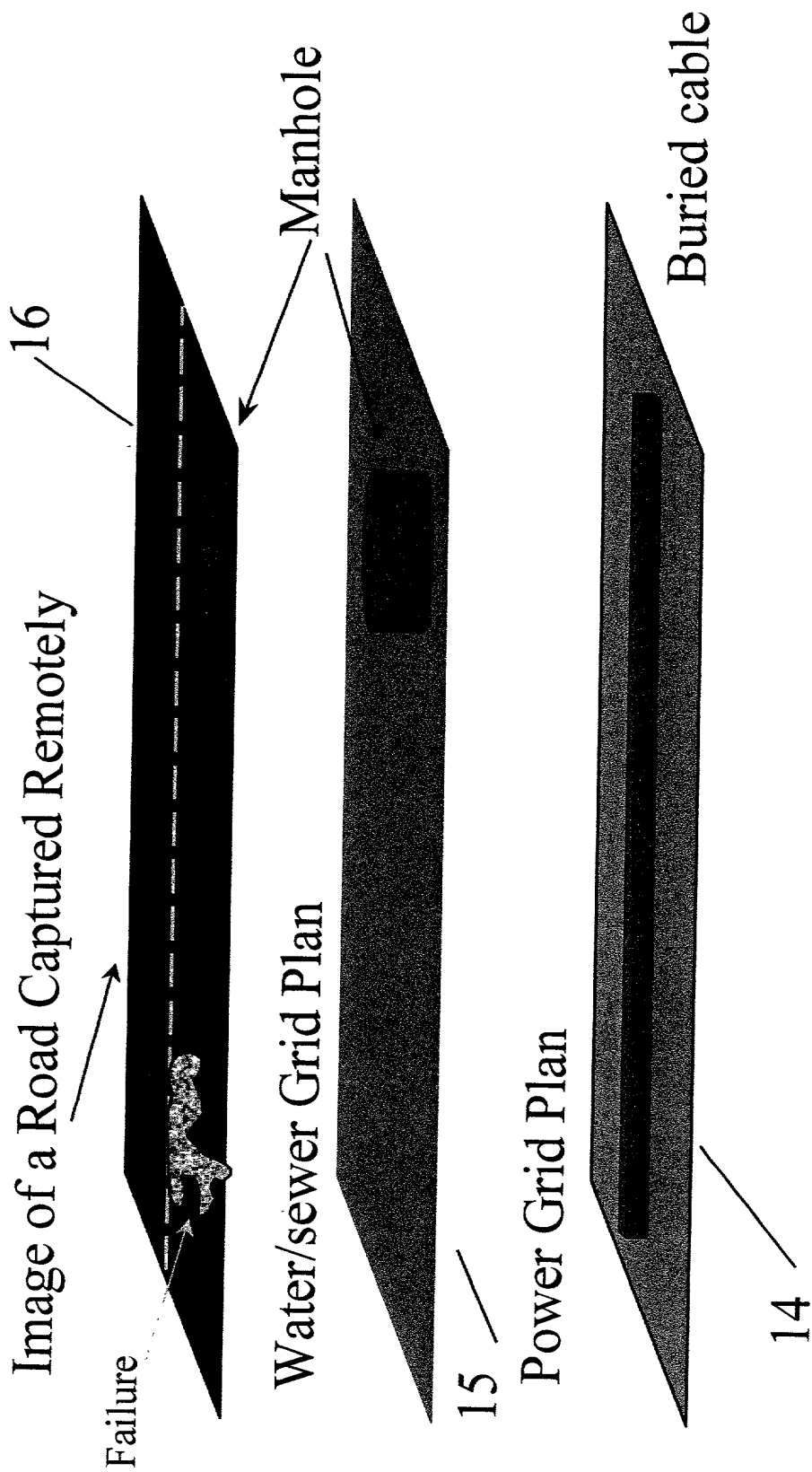


FIG. 1 is a block diagram of a system for identifying faults in a scene.

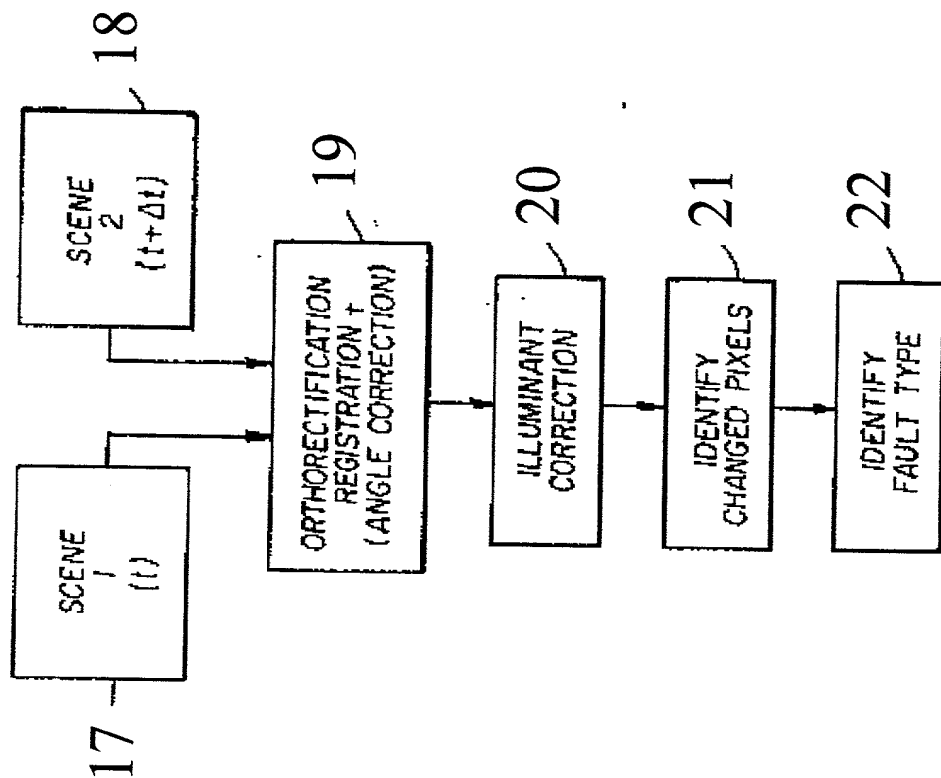


FIG 5

# FIG 5

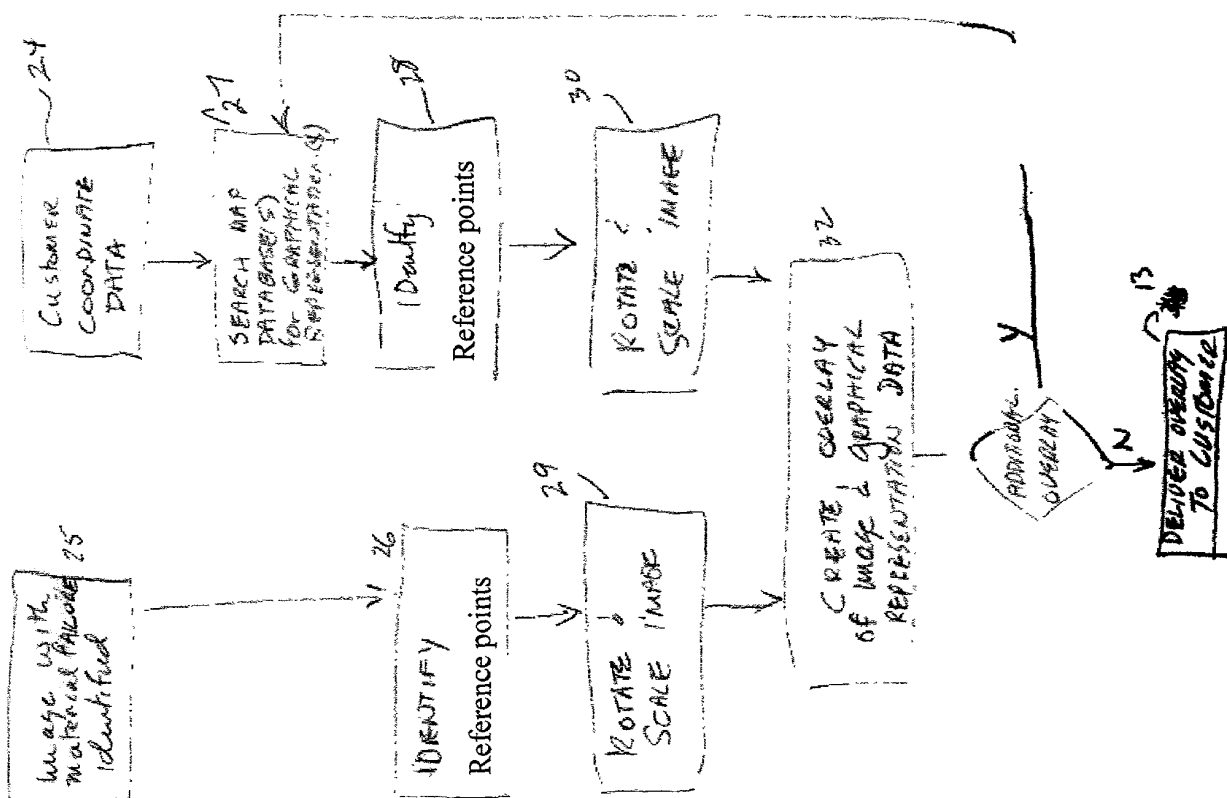


Fig. 6.

FIG. 6 is a schematic diagram of a system for providing a service to a user via a satellite.

